# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 6 | (("2003209130") or ("4042777") or ("4549279") or ("5557057") or ("4065650") or ("5648630") or ("5565641")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 08:41 |
| S2 | 637 | (84/423r).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 08:47 |
| S3 | 1567 | ((84/423r) or (84/3) or (84/290) or (84/425) or (84/428,429) or (84/433) or (84/423b) or (84/442,443) or (84/174)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 08:53 |
| S4 | 2312 | ((84/600-602) or (84/622-625) or (84/644,645)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 08:55 |
| S5 | 12 | (S3 or S4) and ((key or touchbutton or pushbutton or button or knob) near5 (circle or circular$3 or round$3 or radi$4 or surround$3 or encircl$3 or curv$3 or disk or encompass$4 or curl$3 or bent or bend$4 or arch$3 or bow$3)).ab,ti. | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:01 |
| S6 | 15 | (allan near stewart).in. | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:14 |
| S7 | 3 | (("20020005111") or ("5841052") or ("5313010")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 09:15 |
| S8 | 35872 | "84".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:16 |

| S9 | 66 | S8 and (((key or touchbutton or pushbutton or button or knob) near3 (circle or circular$3 or round$3 or radi$4 or surround$3 or encircl$3 or curv$3 or encompass$4 or curl$3 or bent or bend$4 or arch$3 or bow$3)) with (finger or thumb or hand or falang$3 or phalang$3)) | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:18 |
|----|-----|----|----|----|----|----|
| S10 | 20 | ("1571431" \| "2049564" \| "2061364" \| "2142580" \| "3012460" \| "3067645" \| "3342094" \| "3468209" \| "3916754" \| "3922944" \| "4031800" \| "4655117"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/22 09:27 |
| S11 | 5 | ("4867028" \| "4924741" \| "5115706" \| "5403972" \| "5434350").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/22 09:28 |
| S12 | 4 | ("3938419" \| "4203338" \| "4919032" \| "5668340"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/22 09:28 |
| S13 | 14 | ("2049564" \| "3943811" \| "4384503" \| "4966052" \| "4972752" \| "5434350" \| "5557057" \| "5619003" \| "5741990" \| "5841052" \| "5856628" \| "5900571" \| "6018119").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/22 09:28 |
| S14 | 15 | (S10 or S11 or S12 or S13) and (radi$4 or diameter or meter or centimeter or cm) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/22 09:29 |
| S15 | 1 | ("4891777").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 10:06 |
| S19 | 35882 | "84".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 08:52 |
| S20 | 3765 | S19 and ((button or key or input or pushbutton or touch$3 or press$3 or actuat$3) near5 (pitch or note or sound or audio audibl$1 or tone or semi or semiton$4 or half or halfstep or frequenc$3)). ab,clm. | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 08:52 |

| S21 | 699 | S20 and (((button or key or input or pushbutton or touch$3 or press$3 or actuat$3) near3 (together or joint$3 or collectiv$4 or once or time or simultaneous$4)) with (chang$4 or alter$4 or modify$3 or modifie$1 or different or another or vary$3 or adjust$4)) | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 08:52 |
|-----|-----|---------|---------|-----|-----|-----------|
| S22 | 436 | S21 and ((together or joint$3 or collectiv$4 or once or time or simultaneous$4) with ((chang$4 or alter$4 or modify$3 or modifie$1 or different or another or vary$3 or adjust$4) near3 (pitch or note or sound or audio audibl$1 or tone or semi or semiton$4 or half or halfstep or frequenc$3))) | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 08:54 |
| S23 | 2 | (("4342244") or ("20030167907")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/23 12:54 |
| S28 | 35882 | "84".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/07/24 13:29 |
| S29 | 231 | ((button or switch$3 or key or knob or dial or sens$3) near3 (fretboard or neck or fingerboard)).ab, ti. | US-PGPUB; USPAT | ADJ | ON | 2009/07/24 13:29 |
| S30 | 24 | S29 and guitar | US-PGPUB; USPAT | ADJ | ON | 2009/07/24 13:30 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S25 | 769 | (key near3 center).clm. | USPAT; UPAD | ADJ | ON | 2009/07/24 08:02 |
| S26 | 2 | S25 and (finger near3 play$3).clm. | USPAT; UPAD | ADJ | ON | 2009/07/24 08:03 |
| S27 | 0 | S26 and ((max or maximum) diameter).clm. | USPAT; UPAD | ADJ | ON | 2009/07/24 08:04 |

**7/27/2009 9:58:48 AM**
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\ **10593985.wsp**